

## SEQUENCE LISTING

<110> Gurney et al.

<120> SUSCEPTIBILITY GENE FOR MYOCARDIAL INFARCTION, STROKE, AND PAOD;  
METHODS OF TREATMENT

<130> 30847/40792A

<140> To be assigned

<141> 2005-01-31

<150> US 60/642,909

<151> 2005-01-10

<150> US 10/830,477

<151> 2004-04-22

<150> US 10/769,744

<151> 2004-01-30

<150> PCT/US03/32556

<151> 2003-10-16

<150> US 60/419,433

<151> 2002-10-17

<150> US 60/449,331

<151> 2003-02-21

<160> 717

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 caaagataac ataatttata aattatgagg tacagaatag ttagattctg aaaattaaaa 300  
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 tatttcaaag tttctgtgrc ctaaattttg ttttacattg atcctttgaa tggactactg 240  
 tttccacatt ttagaacatt taaaaagata tctacaaccc gagtctaata ataaaaaaaa 300  
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 aaaaacatgt tcattttacra tactaaatta gaagtgttag aatgggagaa aaacttcata 240  
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tagctgggat tacaggcatg tgccaccaca cctcgaact cctgacctca agtgatctgc 300
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catatattat tggcaaaaaa ttttaaagaa aaacatcagc ttaagagtac taattgagta 360
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<210> 517  
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ctgctcattg taaatcttgc tcagtggcat gatttttagtg tttaaagatt tatttggttg 180
tttggttagg acaaagtcyc tacacataat ctacttgctt catatataca tacttatgca 240
tattatgtat gtacatacat gctctcaggg ctacatgaa aaaacagcca ttcaggatgat 300
gtgatttatc tcatatgctt acttttagagt caacagggtg ttgactccac tatacaatac 360
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cattcagggtg atgtgattta tctcatatgc ttactttaga gtcaacaggg tgttgactcc 180
actatacaat actggcatrg agaacacata agtcaaagta gacaggaccc agccgtacca 240
ttggctaggg cacaaatata ttcacatatg tggagaatga tgtacgtaga aaggctcttca 300
ttgcacaatg ctctttaata aagatctgga aaaaaaaaaa acctaaatgt tcaaaaggat 360
agggtagatg aaataatggt acattataaa atggaa 396

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 ccatagccag ctaagatagt gagatgggtg cccactgtc ttgcccaggc tggactcgat 180  
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 tactttttaa attattaygg ctaccttgta gggcaagaat cctcactttt attcaacttc 240  
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 cataatgaat ttcgtgttta ggctcaggct ccattccccag gttacctctt tatcttggag 300  
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aatacaaaac aacttatttt aacttttttt gcattttcaa gaatgatcaa tccacttcag 300
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gacgggagga ttgcttgaag ccaggagttt gagaccagtc tgaccaacat ggcaaaaccc 300
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<400> 527
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aaaatggctc catttctawg agaggtaact aaaatatcgc aatttgctgg gtgtcattaa 240
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agtgatgacc ctgaaaggat caatatatta aagccctcc cagctgggtc ttccagattg 360
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 ataaccttta agcatgctct cgattcctta aatcccatct gaaagtctta aggatgtctt 180  
 ctcagtcata cttatttgrc aatattacct aatttttctc attagcccaa gctcaggggt 240  
 ctttcttctt ccatattcac atgggtgcaa tggttttctg aaaggaaaac agcattacta 300  
 gggcagtaac atttaattaa tcacagggtac ttatcaaact acaaaacagg cattccagga 360  
 actgggtggtt tctgtttgta aaattacact ctcgtg 396

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 <213> Homo sapiens

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 attttctcca ttagcccaaag ctcaggggtc tttcttcttc catattcaca tgggtgcaat 180  
 ggttttctga aaggaaaaya gcattactag ggcagtaaca tttaattaat cacagggtact 240  
 tatcaaacta caaaacaggc attccaggaa ctgggtgttt ctgtttgtaa aattacactc 300  
 tcgtgtacat gctcccacta aaatgtaagt tcgctgagga tggagggttt ggtctctttg 360  
 ctctgtgctg taaccccaac actgcagcag ggcctg 396

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 <213> Homo sapiens

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 gaggggatgg gcagaagttg gtcaaaaagg acaaagtttc aggtagacag gtgtaagttc 180  
 tggggatcta ttgtacagmg tgggtgactgt agttaatact gtattgtgta cttaaaaatt 240  
 gctcaccaaa aatgttctca ccaaaaaaat gatgtttgga tatgttaaac agtttgattt 300  
 aatcattttg acgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtatata atcaaaacat 360  
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 ccctgggttc agttgctgac tctgagccca gaaaccttct agggttctgt taggtagatt 180  
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 attagtcaac ttgcttcagt ctgtcttgca tcttctaaat atttatagat ctctctcttt 300  
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 ataacagaat atcattggat gtgggtgggtg aataat 396

<210> 532  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 532  
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ctagactggt ttctcttcrg gcttcattag tcaacttgct tcagtctgtc ttgcatcttc 240
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tataccctaa ctttccttgc agagaggggt ggccaa 396

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 <212> DNA  
 <213> Homo sapiens

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tagattggct tccaccgtct ttgcgacaac cacagaaaat tctagactgt tttctcttcg 180
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ctcttttggt ggagtggcag aaaatgctag ttgaccaccc aatattcaaa ttaccctgcc 300
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<210> 534  
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 <212> DNA  
 <213> Homo sapiens

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<400> 534
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gatthttgag gattccttag gatthttctag gtatgagatc atatcattgg tagaggtagt 180
ttgagtttct cttttccart ttggatgccc tttatttctt tctcttgccg gattgctctg 240
actagggtct ctagtactat gttgaataga aatgggtgaaa agtgggcatc cttgtctcat 300
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<210> 535  
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 <212> DNA  
 <213> Homo sapiens

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<400> 535
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ccctgtgata gggccctggg ctaacttatt gggaaaatgt tgctgtaacc cctgcccaga 180
ggtgcctgtg acatgggcyg ccatcttctc ctcttccctt ggcttcagcc ccacctagaa 240
acctgaacaa acattttcct tgacatttca taaagtgtca gtggctcctc atttagcaaa 300
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<210> 536  
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 <212> DNA  
 <213> Homo sapiens

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agaaaattta aaaaacaaaa accatgaaac cctttcccag aggcaacaac cagaattcca 180
tttatctttc attgaccara acagaccaca tggcactgg tgggtggcaat ggagactggg 240
gagatgaata tttttaagggt ggcataattcc agaagaacac tgtgcactga ttgcattaat 300
gaaccatta atgtgccaaag gggaggttta cctatgagca tgggcaaatt agaaccact 360
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<210> 537  
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 <213> Homo sapiens

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 gcatgggcaa attagaaccc actcttggag ctgcagggtga gccaatccca cctaaacagt 180  
 gtggatgcta caagatgggrg aagtaaattg attctattcc ataccctaac ctctctccaa 240  
 gatgtattct taaaatagaa gagggaagac agaagaaaac atccagaata tattttttatt 300  
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<210> 538  
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 <212> DNA  
 <213> Homo sapiens

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 aacatccaga atatattttt attgtctttt acttcttcag tgcatttttag atcagtgtct 180  
 ctcaatctgg caagggggcrt gcaggaggat gtgagtttta tcaggaaaac tacacaaccc 240  
 cccaaccaca atgctacccc cactcctgtg gaccttcttt aagagagact cactattata 300  
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 tctgaaatta aaattttaaat tggggggcct gtatttttact gggcaaccca tttgcaatat 180  
 cagcaacaat ctcttattsa gaccactgat taagtgtgca aaatttgaat ctctgaacag 240  
 tacctatgtc cttgatatct taaattaatg agtgtcttag acactcaaag caggaggaag 300  
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 agcaggagga agcattatgg cagatgtttg agccccagag atgtccatga gcacagcata 180  
 gagctcagag ccttctttrt tatttgcttc acgacagagc aaaggactgc agcaggttga 240  
 ctgatataaa agttttacca tgtctcacag caggcctttg ctcaagtttc cagtaaggat 300  
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 atttgtttcg tcttgagtag catgtcatcc ttgttc 396

<210> 541  
 <211> 396  
 <212> DNA  
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<400> 541  
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tctctctggc catgctgggyg tgcattgagct cactaatctt cctttttgcc ttccattttc 240
tccaatcctg acttagcaaa ggttgggcaa aagagactct gtgtgagttc gagcaaagcc 300
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aggaggggaag gattaatttc ccaaggaggg gaaggg 396

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<210> 542  
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<212> DNA  
<213> Homo sapiens

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<400> 542
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ctcactaatc ttcttttttg ccttccattt tctccaatcc tgacttagca aaggttgggc 180
aaaagagact ctgtgtgart tgcagcaaag cctgagatgc tggattttcc aagatacgag 240
aaggggctgg gggctgggtg aactgggtgt ggaggagggg aggattaatt tcccaaggag 300
gggaaggggc caggacatca ggccccgggg actttgaaga gagggtcgtg ggtaggaggt 360
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<210> 543  
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<213> Homo sapiens

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<400> 543
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tgtttctgaa ccaaatttct tctagaattt tattccataa atctgaatta tgggtgtcaga 180
ctcctagcat acactaaakg aactctctgc cttgcattaa ataacaggag ttacccttgg 240
aggtaactcc tagccctggc tcttttagaga acagatgccg aataggcatt aggggatgtg 300
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<210> 544  
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<212> DNA  
<213> Homo sapiens

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<400> 544
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tgtcttattg ggttttgtcc atgttagatg agacattggg tacaaagcac ttggtcccgt 180
gcctggcaca tttactgcr c ttaatgtatg atagttttct tattattcta ataaacaata 240
tggctttggg agtatagttc tgccacattg cagtggccag agtgaagggt gtgagtgcct 300
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<210> 545  
<211> 396  
<212> DNA  
<213> Homo sapiens

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<400> 545
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gaaatatgta tatatagtaa tagtaaaata tcagcactta atggcctgat aagaatgtca 180
ctgcaatgct gagtttgggc caacatttgc ctgctcctgc cattgagccc gggctcccct 240
ccagagctga gctgctgcaa gggatctgag taactagggc tgtgtcagag tggcgatgac 300
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<210> 546  
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 <213> Homo sapiens

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 ctgccattga gcccgggctc ccctccagag ctgagctgct gcaagggatc tgagtaacta 180  
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 aggagaatcc cacgtggagc tacttgcttc tttgtcagtc ttgtttttct tatttcacaa 300  
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 agctttacct ggctccatgc tttgattgac tctacc 396

<210> 547  
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 <212> DNA  
 <213> Homo sapiens

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 caacaacagg gaaagggaca ccggcctcat accattagat ggtgtgtagc ctgggcatga 180  
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 ggaggggaata cagattaaaa tcagccaaag gaagaagcac acagcacaga gtccaggaca 180  
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<210> 549  
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 <213> Homo sapiens

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 cgggcagggtg aaaggggtag ggggagtagg tgagaa 396

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 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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cccaggttta agcgattctc ctgcctcagc ctccccg 396

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<210> 551  
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 <212> DNA  
 <213> Homo sapiens

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<400> 551
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cctcccaggt agctgggatt acaggcgtgt gccacc 396

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<210> 552  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<400> 552
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accttgacct ttgaggatcat gacagccctc tcctgctatg ctcatagctg accactgaac 180
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tgtctagctt tatttttttg tgttctgcca tcaagttgct acttctgttg ccatcgtgcc 360
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<210> 553  
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 <212> DNA  
 <213> Homo sapiens

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<400> 553
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tctcagttgt cagctagttg tgcaatgaag ggaaagggac ctacactttc caagcctcaa 180
ttcactcatc tatggcatkg tgacaataat ggaggttgat ttaaagtcct ttgtaagaat 240
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gttagtaatt gttggatcat taatgatgac tctctaggct aggatctcag cttcattgca 360
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<210> 554  
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 <212> DNA  
 <213> Homo sapiens

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<400> 554
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tatctttctc ctcatctctc cttactttct tgccttattat ctgctctagg tatagatttc 300
agagaactaa gcttggtaca atccttcata aaataaccag gttgggttagg gcatttccaa 360
gagtcaatac tgtttagtga ctattctctg tttaat 396

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 <212> DNA  
 <213> Homo sapiens

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 atccttcata aaataaccag gttgggttagg gcatttccaa gagtcaatac tgtttagtga 180  
 ctattctctg tttaatctmt tttgattgtc cagggtcatc ttttgctatg tcatagggtg 240  
 ttggcttctt ctagagaagt gagacgatgg acaagttcca agtgagtgag gcgactgggc 300  
 aggatattcc gctgaaaaac tcatgtcagt tctaattcgt gattgtaatt caatcacagc 360  
 ctgagaacag taggactgta gttcaaatgc tctgtt 396

<210> 556  
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 <212> DNA  
 <213> Homo sapiens

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 ggggtggtctt gatctcttga cctcatgatc cgccacctc ggctcccaa agtgctggga 180  
 ttacaggcgt gagccaccrc gcccggcctc tagaggataa tttttaaatg tgcttttgca 240  
 tttggaaaat gtgattggca tttttttcta attttcta atgatacgt gtcggatgct 300  
 atggattact taaaccctct ggctacctag aaagatcttt aagtggttct caacaagctt 360  
 catacgcaat gtaaattgta ttatctctca ggatgt 396

<210> 557  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 557  
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 ttaaaccctc tggctaccta gaaagatctt taagtgggtc tcaacaagct tcatacgcaa 120  
 tgtaaattgt attatctctc aggatgtgtg agaacatctg tttttcttct aatgcagtaa 180  
 acatataagg gtctcttgrg atatctttta aatagactta atacaacatt caggaatgat 240  
 aacaaaatat aatcacagtt gtaaggggaat gtgagcattt catattaata acattggaac 300  
 cttatgttta atacagtgtt aaaagttgac aaacatgtag gagtcagaaa attcaattaa 360  
 aattatcaca gtaatatgaa tttagccaca tctgtt 396

<210> 558  
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 <212> DNA  
 <213> Homo sapiens

<400> 558  
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 aatgtaaatt gtattatctc tcaggatgtg tgagaacatc tgtttttctt ctaatgcagt 120  
 aaacatataa gggctctctg ggatatcttt taaatagact taatacaaca ttcagggaatg 180  
 ataacaaaat ataatacarg ttgtaaggga atgtgagcat ttcataattaa taacattgga 240  
 accttatgtt taatacagtg ttaaaagttg acaaacatgt aggagtcaga aaattcaatt 300  
 aaaattatca cagtaatatg aatttagcca catcctgtgt tagttatgaa atccatttaa 360  
 caccacaaac agtaatatat ttagccagtt tattca 396

<210> 559  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 559  
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ggaacttaac ttttgaatat ttgaatgccc agtcatttaa tctgaatatc ctatttcctt 180
gcatgttgca aaatttttkt caataaaagg cagaaaaaga aatctcttct ccatgctcat 240
ccctaagaga atgggttggtc tgtaccctga gagcatttta tggaggggac aaccactttt 300
ctaattttcc ttcccacttc tctgtgggca caaatgctct ttggttgaaa gagttgtaat 360
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<210> 560  
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 <212> DNA  
 <213> Homo sapiens

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<400> 560
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aatggaagag gcatggccct ttgggatgtg gttccccaac cctcccaca tcatcttttc 180
aatcagattt cccactaart ggaaattttt tcaggctctc aactttatgg tgactttctc 240
ttgctcagga tctttgaaca tactgtttct tctttccttt tgtatttgcc aagacaacac 300
ttcctctggt aagattttcc tgacatcctc tataaaaaaa gattgagata gttgactacc 360
caaatgttt cccattcatt ccaagctcta ttcaag 396

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<210> 561  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<400> 561
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ctacccaaaa tgtttcccat tcattccaag ctctattcaa ggcagtaaag tgcccggctg 120
acagattgca ttcctcatct tttctgaagc tagcaatggc catgcaacag cattctggcc 180
aataagatag aagtcgaart tgaagggtgg gatttccaag aaagctcgtt gaagacataa 240
ttcctcattt cacttcttac tctttctctt tcctgcttcc taaaatgcgg tgcagatggc 300
agacacttca aagctgtctc aggcaatcag gtgatgttaa ggcagaaacc agctttatga 360
tgggtagaac aggaagaaag aaggcaccta tgttct 396

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<210> 562  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<400> 562
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tctagtgggt cctgcaagaa ctgattgtta aaagagcttg gatccttcca cccctctctc 180
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tttgccataa gtggaagatt tctgaggcct caccagaagc agatgttggt tccatgcttc 300
ttgtacagcc tgcagaacca tgagccaaat caacttcttt tctttataat tatccagtct 360
caggtattcc tttatagcaa cacaaatgga ctaaga 396

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<210> 563  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<400> 563
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cagaacaatg aatgtaggct ctgtatacaa gttcaggctg ctgggcaact taggccttaa 120
gacacaactc tgccacttag gccttaagac acaactgaca tgatgggtgct taaagtggct 180
gtgatggaaa aggaggctrt ttggagcctt tggagtgcct ttatagggtga accccagcat 240
agcaccta at gatttgagc aaagctgtgt cattcccca agataactat tcgccttttg 300
agaaacatct tctagctact atcaataata aacacagaat gcatcaccat gggccaccgt 360
gttgctcttt gacctgagtt tccattgtga acaaga 396

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<210> 564  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 564  
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 ggaaaaggag gctgtttgga gcctttggag tgcctttata ggtgaacccc agcatagcac 120  
 ctaatgattt ggagcaaagc tgtgtcattc ccaaagata actattcgcc ttttgagaaa 180  
 catcttctag ctactatcra taataaacac agaatgcatc accatgggcc accgtgttgt 240  
 cttttgacct gagtttccat tgtgaacaag agtcatttga tccaaggcag aaagtgggtg 300  
 gcacacagca gtgttccatc atcaaattgga atatgagatt gggcccaagt aggtcctgca 360  
 gacacaaata agttgcaaga gcaagtagta caggcg 396

<210> 565  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 565  
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 ttttgacctg agtttccayt gtgaacaaga gtcatttgat ccaaggcaga aagtgggtg 240  
 cacacagcag tgttccatca tcaaattgaa tatgagattg ggcccaagta ggtcctgcag 300  
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<210> 566  
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 aatatgagat tgggcccarg taggtcctgc agacacaaat aagttgcaag agcaagtagt 240  
 acaggcgctt ggcctggcca gtactgttgc caagttgact gcttcccctc agtctgcatc 300  
 tgtggcttca tggggagttt cctatgacca cttgatggag gaaaaaaca attggagcat 360  
 agtttatagt gctggtacta cccaaagtgg ctagct 396

<210> 567  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 567  
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 atatggatac ctctgaacac acacaaaaca tgagaatatg tatcccatat gaatgttaac 180  
 caaagagcag ccacaacasa agaggatttt aaaatcagct gaataagatg attcattctg 240  
 acagcatcag ctagtctctt tccccagcca ctgttgccca gtgggcttac atatatcatg 300  
 gccatggggg cagggtatg tatggacaca gcaacatgaa tttccactca tcaaggccaa 360  
 tttggctcca gccattgctg agtgctcagc ctgcca 396

<210> 568  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 568  
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atgtatggac acagcaacat gaatttccac tcatcaaggc caatttggct ccagccattg 300
ctgagtgtct agcctgccaa gatagaaatc tacgccata tggcaccatt ccctgggcta 360
gaaaaccaac tgggtggaagg ttgattacat tggacc 396

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<210> 569  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<400> 569
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aggagaaatt ggactgccac ttcacaatga gggtagaggag tatgtactct atgtgtctgt 180
gattaatgtc aatagaaart gacaccaacc tagtacacag aggactgac atgggtccagg 240
cccttcagga atgaagattt gagtcaccag gcaaggaact tggactcact gaggagggca 300
tattccaagg agaatatatt atctatgtcc atctatgtcc atctatattc catctgtgtt 360
ccccttgga ttcctattca tgaacatggg gaattc 396

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<210> 570  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<400> 570
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tgcataatatt aaccagttaa tttattttatt attatttttt gagatgagct ctgcctatgt 180
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gctgggacta caggcatgca ccaccatacc cagctgacca gttttttcct attcctctac 300
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ttaagtcaca agatatcaaa aagggaatgc gactta 396

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<210> 571  
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 <212> DNA  
 <213> Homo sapiens

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<400> 571
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gtgttaatgg tagttaactt tataatctcag tattaagtca caagatatca aaaaggggat 300
gcgacttagt tacaagcaga atgaatatca ctcaaagatg aataaagaga agaggggttag 360
tgcatTTTTCT gttggatgag agaaagtttc attggt 396

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<210> 572  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<400> 572
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tgggaaaagg aagaagtttt gcggatacta cactgg 396

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<210> 573  
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 <212> DNA  
 <213> Homo sapiens

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 ctgaggggca aatgtgagsc tctgggtaca atgcccagta cagactaggt cccacagaca 240  
 cagccgctca gcggctccgg attctgggct gctctggact gcggccaggc ggtcttctgc 300  
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 <212> DNA  
 <213> Homo sapiens

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 atgtgtgggg ccccagaagg tgtggggccc cagaagggtg ggggtccctg cgttccacgg 360  
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 <212> DNA  
 <213> Homo sapiens

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<400> 577  
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<210> 579  
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 <213> Homo sapiens

<400> 581						
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<400> 584  
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gctcccttgg	ccctgtaaat	tggcaaggat	tccattattc	aacccgcata	catgtacaga	300
gaccctgctc	tggcccagat	agtattctgg	gtacaggcgg	atagagcagg	aaacaaaaca	360
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<210> 587  
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 <212> DNA  
 <213> Homo sapiens

<400> 587						
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tggcaaggat	tccattattc	aacccgcata	catgtacaga	gaccctgctc	tggcccagat	180
agtattctgg	gtacaggcrg	atagagcagg	aaacaaaaca	gctacagtga	tggacaggtc	240
agcctgcagc	aatgcctgca	gtctctgcaa	aggtagctgt	atgggtgggc	aggtggctag	300
cacttattca	gctctggaag	gatctcccct	ctggcctctc	ccctgacacc	catcaataaa	360
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<210> 588  
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 <212> DNA  
 <213> Homo sapiens

<400> 588						
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gtacaggcgg	atagagcagg	aaacaaaaca	gctacagtga	tggacaggtc	agcctgcagc	180
aatgcctgca	gtctctgcra	aggtagctgt	atgggtgggc	aggtggctag	cacttattca	240
gctctggaag	gatctcccct	ctggcctctc	ccctgacacc	catcaataaa	actgaggagc	300
atcgggtggac	aggggacctt	gtgcccctc	cctgcctgtg	cagttggggc	tgaaccagc	360
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<210> 589  
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 <212> DNA  
 <213> Homo sapiens

<400> 589						
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gttggggctg	aaccagcya	cgaagtttga	gctcactctc	tccagctccc	tctcaattca	240
gagctgaact	gtgggaagct	tcagagctct	ctgtttcaag	gacaggttct	cctcacctct	300
cctaattggag	gtgcaccagg	gaactggccc	tgtcttgccc	agggctttct	cctggacttt	360
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<210> 590  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 590						
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tctgcccagg	gctttctcct	ggactttgcc	atcatgggtct	agcaaaccct	gttcagattg	180
aggtgagtgg	tgagatttyg	aattcttttt	gacagatagg	attaagtctt	cttctgtggg	240
acaagtggga	ggtagaggta	agattaaaga	tggccaaatg	tctgagtcct	gacagccaca	300
atatggagat	ctagactttt	tacagaccac	agggcacagg	ggcctcacta	acagagttcc	360
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<210> 591  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 591  
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 aatgtctgag tcctgacagc cacaatatgg agatctagac tttttacaga ccacagggca 120  
 cagggggcctc actaacagag ttcccgggaag tgatgagtggt gctggggggct tcctgggtga 180  
 agagacacta gaatggacsa gctgggagct aatTTTTTgg gctggagtggt gatggcctgc 240  
 acatcactgc ctctgtccct ccattgtcac agctgcccct taggagccag ctgaggcaat 300  
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<210> 592  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 592  
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 actatTTgtt tttactgtg agtttttagg caatcacaaa gatccagatg tatgtccaag 180  
 cctctctttg caattctawt taacctcaat gttgcaacca tagacctacc ttacagagtt 240  
 caaaaaaata tgcaaaaacc ctgcctttct tcttctcat accccaaaat gccattctga 300  
 acatttctctg ttagttaaaa aaagatttcc atgggtgttac caggcactgt acacagtctg 360  
 tgtcccaaga caaggaggta cagttccaca tgcgcc 396

<210> 593  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 593  
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 acctcaatgt tgcaaccata gacctacctt acagagttca aaaaaatatg caaaaaccct 180  
 gcctttcttc ttcctcatwc cccaaaatgc cattctgaac atttctgtt agttaaaaaa 240  
 agatttccat ggtgttacca ggcactgtac acagtctgtg tccaagaca aggaggtaca 300  
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<210> 594  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 594  
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 gtaacccttt ccagcttgat ccagcagaat gcagatttgg aaaaacagaa cgagttaaata 180  
 atacatgatt ctaagaaayc tggaccagaa ctatcaaaac ttgggtttccc agagaatata 240  
 gcaaatgggc tcattggcca atactatgac attggctttt gagaaaagaa aggctttatt 300  
 gcaaggctgg ccagcaagga gacaggagtt gggctcaaat ctgtctcccc agtttggggc 360  
 ttagggcaag ttttaattac acagacgcat ttctta 396

<210> 595  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 595  
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aaggctggcc agcaaggara caggagttag gctcaaactt gtctccccag tttggggctt 240
agggcaagtt ttaattacac agacgcattt cttatgagta gcaggcagag agcctccaac 300
ttcttctgcc taggtaccag cagcttagac atgatgcaaa cctgggaagc acatactgta 360
tttgagaaaa gtgattggga agaaatgtga gctgag 396

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<210> 596  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<400> 596
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caaggctggc cagcaaggag acaggagttag ggctcaaact tgtctcccca gtttggggct 180
tagggcaagt ttaattaya cagacgcatt tcttatgagt agcaggcaga gagcctccaa 240
cttcttctgc ctaggtacca gcagcttaga catgatgcaa acctgggaag cacatactgt 300
at ttggagaa agtgattggg aagaaatgtg agctgagggg aggggctcag tgcccctgag 360
ctacacttag tgatggcaga ggaaggatgt cctccc 396

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<210> 597  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<400> 597
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cctccaactt cttctgccta ggtaccagca gcttagacat gatgcaaacc tgggaagcac 120
atactgtatt tggagaaagt gattgggaag aaatgtgagc tgaggggagg ggctcagtgc 180
ccctgagcta cacttagtra tggcagagga aggatgtcct ccgcaggag gctgttccac 240
atctgctctg gttgtagggg gagctggcag gcattagcag cggcctcttt cccccaagag 300
aggcagcctc ctccaagt ttt tggcgacatt atggccctgc aatcataagg gtttgtgagc 360
atagtgtctaa ggaggggaaat ggagctgctg ttacta 396

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<210> 598  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<400> 598
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tagtaaggac agggtttcac catgttggcc aggttggcct ccaactcctg acctcaagtc 120
atcctcctgc ctgcacctcc caaagtgctg ggattacagg catgaaacca gcctagaaat 180
acatactatt atttattcyt gttttacaga taagcaaagt gagtcattga gaatttggtt 240
gaaagtccca aggtcaggag tcgtgaagct gggattaaaa cctaatacat tgactttaga 300
gagtagacac ttgctccatg catattgcct ccaattcatt cattcaagca ctccctgctc 360
aagaagttct ttcttatgtt gagctgaaat ctgcag 396

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<210> 599  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<400> 599
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aagcactccc tgctcaagaa gttcttttct atgttgagct gaaatctgca gccctatgct 120
ttttacccag cagtccctgg gctgttccct aaaatcactt agactgtgcc tgctctttct 180
gtgtttacag tgctcagctrt aatatcccc tcttcggcct aacgtttctg aagtcctctg 240
ccactgggtc tcctctcctc ttctgtgtt ctttctaaga acacctatgc agataggtgt 300
cttctgtaca gggaagctgt tcctgagatc cgggcacgca ctctgttaga ataactctacg 360
tatgagttat ttttttgaga actatgtgtc attgct 396

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<210> 600  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 600  
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 aaaatcactt agactgtgcc tgctctttct gtgtttacag tgcagctgt aatatcccc 120  
 tcttcggcct aacgtttctg aagtccttg ccactgggtc tcctctctc ttctgtgtt 180  
 ctttctaaga acacctatrc agatagggtg cttctgtaca gggaagctgt tcctgagatc 240  
 cgggcatcga ctctgttaga ataactctacg tatgagttat ttttttgaga actatgtgtc 300  
 attgctgact catattaact ctgtgggttaa ctaaaatctc aagatctctt tatgtttgtt 360  
 gagaaactta ttttaacttct ctggccctcc gtttcc 396

<210> 601  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 601  
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 ctctcctctt cctgtgttct ttctaagaac acctatgcag atagggtgtc tctgtacagg 180  
 gaagctgttc ctgagatcyg ggcacgcact ctgttagaat aatctacgta tgagttattt 240  
 ttttgagaac tatgtgtcat tgctgactca tattaactct gtgggttaact aaaatctcaa 300  
 gatctcttta tgtttgttga gaaacttatt taacttctct ggccctccgt ttcttctact 360  
 gagcagtgga gtgattgata acctccacct gtgggt 396

<210> 602  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 602  
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 atattaactc tgtgggttaac taaaatctca agatctcttt atgtttgttg agaaacttat 180  
 ttaacttctc tggccctcmg tttccttcac tgagcagtgg agtgattgat aacctccacc 240  
 tgtgggttgc gaaggtcttg cacaagatga tatagttaaa gtagctagca gtgcccacgt 300  
 acggcgatg cctcacaacg gtttgcagcc atctctctat ctgtgtcttt gtctctctct 360  
 cacactggtt ttggcttact gtttagcagct agccga 396

<210> 603  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 603  
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 ctgaaggctc tgcacaagat gatatagtta aagtagctag cagtgccac gtacggcgga 180  
 tgccctcaca cggtttgcmg ccctctctct atctgtgtct ttgtctctct ctccactgg 240  
 ttttggctta ctgttagcag ctagccgaga taagtgtgtt tatgggtcttt gcatgtattg 300  
 tttctgtagc atactggagg attacaagag gttggggagt gagggggcgg tgaggagtag 360  
 acaaaggcag ccaactcttc caagtttagc ttagaa 396

<210> 604  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 604  
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tagcagtgcc cacgtacggc ggatgcctca caacggtttg cagccatctc tctatctgtg 120
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gtttatggtc tttgcatgya ttgtttctgt agcatactgg aggattacaa gaggttgggg 240
agtgaggggg cggtgaggag tagacaaagg cagccaactc ttccaagttt agcttagaag 300
gaaggagcgg taaaccctag ttgaatgttg gactgaagca ggtttgtttt tgttttgttt 360
aaaggatagg gaagatctgt gcgtgtttcc aggata 396

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<210> 605  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<400> 605
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tacggcacat cgtgctgctg gttgtagaaa taacctctga cttttaataa agtcatccct 180
cggtatccct gggggattrg ttctatgacc tccctcggat gccaaaattc gtggatgctc 240
aagtccttga tataaaatgg catagtattt gcatttaacc tacacacatc ctccatatcc 300
tttttttttt tttttttttt tttttttttt tttttgtgag atggagtcct gctctgtcgc 360
cctggctgga gtacagtggc tcgatcttgg ctact 396

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<210> 606  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<400> 606
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gtaacaagaa aaaaaatctg tacatgttca gtccagacaa atggttttct gttttttttt 120
ttttttttta atatttttgg tcagtgggtg gttgactcca ggaatgcaga acccgcagat 180
atagaagggt gattatgcrt tcagaggcag ggaataccat cttgggttcc agaaagaaaa 240
tgatcagcat tttctgtcat actctggtaa aaacagatct tttgaatgga caggtgtatt 300
aaaccctgtg gagctggctg ggctggcgg ctacgcctg taatcccagc actttgggag 360
gctgaggcag gtggatcacg aggtcaggag ttcgag 396

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<210> 607  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<400> 607
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aaagctctgt gacggaatac atggcaagtg cccaccacat tgcctgggat gaggtgggac 180
cttcctttac gtaagagarc cctacagata cactcaaagt gggcacattc ctacagaagg 240
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tggtatccctg acaatcacat gtatcccttt tttcac 396

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<210> 608  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (227)..(326)  
 <223> n = A,T,C or G

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<400> 608
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aaaacatgaa aggcttttat tcctatacac aataaagcac ccctttaatg tctttttgag 120
gaggataata tgaaattgat gaaaaggaac cctgtgggtg gatccctgac aatcacatgt 180

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```

atcccttttt  tcactcttra  aaaaggagta  aaggaataaa  atagaannnn  nnnnnnnnnn  240
nnnnnnnnnn  nnnnnnnnnn  nnnnnnnnnn  nnnnnnnnnn  nnnnnnnnnn  nnnnnnnnnn  300
nnnnnnnnnn  nnnnnnnnnn  nnnnnnatgt  ttcagtcact  gtataataac  tagccagatt  360
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<210> 609
<211> 396
<212> DNA
<213> Homo sapiens

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<400> 609
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cttagatgtc  attccctcaa  ggaatccttc  tgtgactcaa  catggaatta  agttgcctcc  180
tttgaccctg  aaagcacctt  gtactcaatc  tcatcttggt  atgactcact  ttgctgtgtg  240
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ccgtgccttg  ctcagactgt  tgtttctaac  accaaacaca  gtgttcagta  gagagcagct  360
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<210> 610
<211> 396
<212> DNA
<213> Homo sapiens

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<400> 610
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tctattcctt  tagactgtaa  gatcctagaa  agtggggggc  gtgccttgct  catgactgtg  180
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gacagttgat  ggaggacatt  tagggttgct  tggagggtcaa  gtcaaggagg  catttaacat  300
tctagtaaaa  caaggaagta  acaggctcct  gaacatgccc  acaatgaacc  agatgcaaac  360
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<210> 611
<211> 396
<212> DNA
<213> Homo sapiens

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<400> 611
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ctcatgactg  tgtttctaac  accaaacaca  gtgttcagta  gagagcagct  gctgagtacg  180
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ggcattttaac  attctagtaa  aacaagggaag  taacaggctc  ctgaacatgc  ccacaatgaa  300
ccagatgcaa  accttttccc  ttggcaggat  tctttgccc  taaagtggag  cacgaaagca  360
ggaccagaa  tgggaggagc  ttccagagga  ccggaa      396

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<210> 612
<211> 396
<212> DNA
<213> Homo sapiens

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<400> 612
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cagatgcaaa  ccttttccct  tggcaggatt  ctttgcccat  aaagtggagc  acgaaagcag  180
gaccagaaat  gggaggagyt  tccagaggac  cggaacactt  gcctttgagc  ggggtctacac  240
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<210> 613
<211> 396

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<212> DNA  
<213> Homo sapiens

<400> 613  
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ggacccagaa tgggaggagc ttccagagga ccggaacact tgcctttgag cgggtctaca 180  
ctgccaagtg agtcctaamc ctgatgttgc taataagtgg gggcatgggc aggggggcct 240  
ccttctagga gtgatgacca cccttaatac cacatgtctg tctgagccaa gtttctgagc 300  
gccagggagg tgaggaagggt tggacttcac cagagaggct ttgtggacac cctttatcat 360  
cttagtgagt gctagtgtca aaacaaaggg agtggg 396

<210> 614  
<211> 396  
<212> DNA  
<213> Homo sapiens

<400> 614  
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cccataaagt ggagcacgaa agcaggaccc agaatgggag gagcttccag aggaccggaa 120  
cacttgccct tgagcgggtc tacactgcca agtgagtcct aaccctgatg ttgctaataa 180  
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<210> 617  
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gggaggggtcc ccttcagggg taccgttggt ttcctgtgaa ttaaactggc ttcaagggat 360
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<210> 618
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<212> DNA
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cacctagatc tccctctttc tccatgctcc cacgtgctct gggctccact cccttctccc 300
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<210> 619
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<212> DNA
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<400> 619
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<210> 620
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<212> DNA
<213> Homo sapiens

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<400> 620
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<210> 621
<211> 396
<212> DNA
<213> Homo sapiens

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<210> 622
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<212> DNA  
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<210> 623  
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<212> DNA  
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 caatttcacc atatctggyt agaagttaag tttccaattt gctggcaatg aagaagaaat 240  
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<210> 624  
<211> 396  
<212> DNA  
<213> Homo sapiens

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 cacatggaca gtagtatgtg tatatagttt atatgcaaat atacttggtta taagggttga 300  
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<210> 626  
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<212> DNA  
<213> Homo sapiens

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 tgtgtatata gtttatatgc aaatataactt gttataaggt tgcattgctc aaatttttgg 120  
 ttcattgggg gtgggatcat aaatgttttag ggaccatggc tatcaaggaa aaacagcatg 180

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ccagtgtggc	tcatcggctc	agacttggcc	ttaattaatg	ggctgtccct	ccacccatct	360
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<210> 627  
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 <212> DNA  
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 <211> 394  
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ggctgtccct	ccacccatct	cccatgaggg	cagagctgag	ccagggtttg	agagctaaaa	180
ggaattggac	ctggactcdg	ttcacgtgta	tattttaatt	ctaattaatt	cattcttttg	240
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gcaacctcgg	cctcccagg	tcaagttatt	ctcctgcttc	agcctcctga	gtagctggga	360
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<210> 629  
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 <212> DNA  
 <213> Homo sapiens

<400> 629						
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gctcactgca	acctcggcct	cccagggtca	agttattctc	ctgcttcagc	ctcctgagta	180
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cccctcaaag	tggttgaatt	acagggtgtg	gccaccgtgc	ctggcctgtt	cacatgtata	360
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<210> 630  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 630						
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<210> 631  
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<212> DNA  
 <213> Homo sapiens

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<210> 632  
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<210> 633  
 <211> 396  
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 <213> Homo sapiens

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 <212> DNA  
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<210> 638  
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 <212> DNA  
 <213> Homo sapiens

<400> 638						
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<210> 639  
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<210> 640  
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<212> DNA  
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<210> 641  
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<212> DNA  
<213> Homo sapiens

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<210> 642  
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<212> DNA  
<213> Homo sapiens

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<210> 643  
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&lt;210&gt; 654

&lt;211&gt; 396

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;212&gt; DNA

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 657

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 657

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<210> 672  
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<210> 673  
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 <213> Homo sapiens

<400> 673						
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<210> 674  
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<210> 675  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<210> 676  
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<210> 677  
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 <212> DNA  
 <213> Homo sapiens

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 <213> Homo sapiens

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<210> 679  
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<400> 679  
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<210> 680  
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 <212> DNA  
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<400> 680  
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<210> 681  
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 <212> DNA  
 <213> Homo sapiens

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<210> 682  
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 <212> DNA  
 <213> Homo sapiens

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<210> 683  
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<212> DNA  
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<210> 686  
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<213> Homo sapiens

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<210> 689  
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<210> 690
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<210> 693
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<210> 694
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<212> DNA  
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<211> 396  
<212> DNA  
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ttaaaaaaa	aaaatcttta	tgtggctcac	tattctgggt	ggctggaaag	ttcaagattg	360
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<210> 700  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 700						
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agctgtgtgt	tgtaaagtgt	gcttgtagtc	ccggccactt	gagaggctga	ggtgggtgga	180
gttcaaggct	gcagtgagwt	atgattgagc	cactgcactc	caaccgggt	aacggggcaa	240
gaccttgtct	ctatttata	aaaaaaaatc	tttatgtggc	tcactattct	gggtggctgg	300
aaagttcaag	attgggcac	tgcatctggt	gacagcctca	tgctcgcttc	agtcatgggg	360
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<210> 701  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 701						
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gttgtaaagt	gtgcttgtag	tcccggccac	ttgagaggct	gaggtgggtg	gagttcaagg	180
ctgcagtgag	ttatgattr	gccactgcac	tccaaccggg	gtaacggggc	aagaccttgt	240
ctctatttta	aaaaaaaaaa	tctttatgtg	gctcactatt	ctgggtggct	ggaaagttca	300
agattgggca	tctgcactct	gtgacagcct	catgtcgctt	ccagtcatgg	gggaagacga	360
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<210> 702  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 702						
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aacggggcaa	gaccttgtct	ctatttata	aaaaaaaatc	tttatgtggc	tcactattct	180
gggtggctgg	aaagttcarg	attgggcac	tgcatctggt	gacagcctca	tgctcgcttc	240
agtcatgggg	gaagacgaag	gagagctggc	acgtgcagat	atcacgtgtt	gagggcagaa	300
gcgagagaga	gaggggagag	atgccaggct	cttttttaaca	accagcactg	gggaaactaa	360
tagagtgaga	gctcactgac	tcctgaggga	ggacat			396

<210> 703  
 <211> 396

<212> DNA  
<213> Homo sapiens

<400> 703

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gagagagagg ggagagatgc caggctcttt ttaacaacca gcactgggga aactaataga 120
gtgagagctc actgactcct gagggaggac attaattctat tgatgagcga cctgcctcca 180
tgacccaaac acctccaayg ataccccacc tccaacactg ccacactagg gattaacttt 240
caacttgaga tttagagggg ggaaacttac aaactatcgc aggcactaat accactcatg 300
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<210> 704  
<211> 396  
<212> DNA  
<213> Homo sapiens

<400> 704

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ccgttagaat ataagcttcc aaagggcagg agctttgcct atattgttag gccgggcata 120
caatgagcac tcaaaaaaat atttgatgag tgtatgaaag aacagactgg gttatgtaat 180
tgtgcctact tacctatayg accgtgtggt ggggtttatg gtgggtgtgg tggtagtggt 240
tatagggcta taagcaaatt tgggacaggg agtctaagaa atgttcttaa attttagtaa 300
gcaaagcatc ctctacagaa cctgtcttaa aacatgaaag ttccttagtg ctacccccag 360
aggtatgatt tggtaggtca aggatagggc ctggaa 396
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<210> 705  
<211> 396  
<212> DNA  
<213> Homo sapiens

<400> 705

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agaatataag cttccaaagg gcaggagctt tgcctatat ttttaggccgg gcatacaatg 120
agcactcaaa aaaatatttg atgagtgtat gaaagaacag actgggttat gtaattgtgc 180
ctacttacct atatgaccrt gtgggtgggt ttatgggtgg tgtgggtggg atggctatag 240
ggctataagc aaatttgagg cagggagtct aagaaatgtt cttaaatttt agtaagcaaa 300
gcatcctcta cagaacctgt cttaaaacat gaaagtccct tagtgctacc cccagaggta 360
tgatttggtg ggtcaaggat agggcctgga aattca 396
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<210> 706  
<211> 396  
<212> DNA  
<213> Homo sapiens

<400> 706

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cctgtcttaa aacatgaaag ttccttagtg ctacccccag aggtatgatt tggtaggtca 60
aggatagggc ctggaaattc acattcttgt taagatgttc ttcattccgg gtttggtgac 120
caccttttca gaagattttt gctctgtagc tgtactacc aatgcagtag ttcgtagtca 180
gtgtggctcc tgagccctyg aagtgtagct cctctgaact gagacgtgct gtaaatgtaa 240
attgcacacc ggagtttgaa gagttaatac aaagaaaaag gaatgcaaaa catctcatta 300
ataatgcttt acactgatta catattgaaa tggtaatcct gtagatatag tgcgttaaata 360
aaaatatact gttaggctta atttcacgtc tttata 396
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<210> 707  
<211> 396  
<212> DNA  
<213> Homo sapiens

<400> 707

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gcatatgcat ttgggtcctc aatgtcagca ctatggcaac cagaacatgg ccacaataac 120
tgtctggaaa tgtctattct tacctggacc cagcaggcca tgccccactg attatataat 180
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ctccctctct ccttggttayg gtctgaatgc ttgcatccct caaaaattca tgtgttgaaa 240
tcctaaccac caaggtgatg atattaggag gtcggccttt tgagaggtaa ttaggtcatg 300
aagacagcat cctcatgaat gggattagtg tccttataaa ataggcccaa gggagctcat 360
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<210> 708  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<400> 708
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caaggtgatg atattaggag gtcggccttt tgagaggtaa ttaggtcatg aagacagcat 120
cctcatgaat gggattagtg tccttataaa ataggcccaa gggagctcat tcactttgtc 180
caccatgtga gaacacagcg agaggggcacc atttatgcac caggaaatgg gccttttcca 240
gacaatctgt cgggtgcctgg atcttggact tcacagcctc tagaactgtg agaaattaat 300
ttgtttttta taagccacca aatctatggg tttttttata gaaaccgtaa tggactaaaa 360
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<210> 709  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<400> 709
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actttgtcca ccatgtgaga acacagcgag agggcaccat ttatgcacca ggaaatgggc 180
cttttccaga caatctgtyg gtgcctggat cttggacttc acagcctcta gaactgtgag 240
aaattaattt gttttttata agccaccaa tctatgggtt tttttataga aaccgtaatg 300
gactaaaaca ctccctaatt atatttaaac ttatcagtgc actgggcagt gacatattaa 360
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<210> 710  
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 <212> DNA  
 <213> Homo sapiens

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<400> 710
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aggtggggttg caggggaggt gaggggtgac tgtgtacttt tctagactgt tccacttcac 180
atcagtgaaa tattcccart tgatactatc atgaaacaaa gcaaatgaaa tgctgagcac 240
ggagcttcgt cttgatgaaa tgctgaaaga aaagaaagga aaaataaagt agccattatt 300
tttgcccttc ctcccacccc catgtttact actcttattt ctcttttgta ttgttgtgtt 360
ggaagcacag catcagaaaa actcccagtt ttgaga                                     396

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<210> 711  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

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<400> 711
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tgaaatgctg agcacggagc ttcgtcttga tgaaatgctg aaagaaaaga aaggaaaaat 180
aaagtagcca ttatttttrc ccttcctccc acccccatgt ttactactct tatttctctt 240
ttgtattggt gtgttggaag cacagcatca gaaaaactcc cagttttgag agataactca 300
gtgtttagtt cacttaaacc tgagaaagga gaagaggatg ccaccgtgag gtccaggacg 360
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<210> 712  
 <211> 396

<212> DNA  
<213> Homo sapiens

<400> 712  
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ctgttccact tcacatcagt gaaatattcc caattgatac tatcatgaaa caaagcaaata 120  
gaaatgctga gcacggagct tcgtcttgat gaaatgctga aagaaaagaa aggaaaaata 180  
aagtagccat tatttttgmc cttcctccca ccccatgtt tactactctt atttctcttt 240  
tgtattgttg tggtggaagc acagcatcag aaaaactccc agttttgaga gataactcag 300  
tgtttagttc acttaaactt gagaaaggag aagaggatgc caccgtgagg tccaggacgt 360  
aaagaggaaa aaaacagaca aaaaaatcca tatgaa 396

<210> 713  
<211> 396  
<212> DNA  
<213> Homo sapiens

<400> 713  
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cacagcatca gaaaaactcc cagttttgag agataactca gtgtttagtt cacttaaacc 180  
tgagaaagga gaagaggayg ccaccgtgag gtccaggacg taaagaggaa aaaaacagac 240  
aaaaaaatcc atatgaaatg aaaatgtgaa agaggcgctt tcgagcagat gagtgttgta 300  
gattacagtg ttgagagctg tttgtgtcca gagctgcttg ctgcacctgg cgggataaac 360  
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<210> 714  
<211> 396  
<212> DNA  
<213> Homo sapiens

<400> 714  
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agttttgaga gataactcag tgtttagttc acttaaactt gagaaaggag aagaggatgc 180  
caccgtgagg tccaggacrt aaagaggaaa aaaacagaca aaaaaatcca tatgaaatga 240  
aaatgtgaaa gaggcgcttt cgagcagatg agtgttgtag attacagtgt tgagagctgt 300  
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tgtttcaagg aggctgcctt ttattttggg ggacaa 396

<210> 715  
<211> 396  
<212> DNA  
<213> Homo sapiens

<400> 715  
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tcacttaaac ctgagaaagg agaagaggat gccaccgtga ggtccaggac gtaaagagga 180  
aaaaaacaga caaaaaaayc catatgaaat gaaaatgtga aagaggcgct ttcgagcaga 240  
tgagtgttgt agattacagt gttgagagct gtttgtgtcc agagctgctt gctgcacctg 300  
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<210> 716  
<211> 396  
<212> DNA  
<213> Homo sapiens

<400> 716  
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agtgtttagt tcacttaaac ctgagaaagg agaagaggat gccaccgtga ggtccaggac 120  
gtaaagagga aaaaaacaga caaaaaaatc catatgaaat gaaaatgtga aagaggcgct 180

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ttttatattg	ggggacaaaa	ttgttcttga	aagctgctca	gtggttcaag	ctacagcatg	360
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&lt;210&gt; 717

&lt;211&gt; 396

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 717

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ccgtgaggtc	caggacgtaa	agaggaaaaa	aacagacaaa	aaaatccata	tgaaatgaaa	120
atgtgaaaga	ggcgctttcg	agcagatgag	tgttgtagat	tacagtgttg	agagctgttt	180
gtgtccagag	ctgcttgcyg	cacctggcgg	gataaacact	ggtctaacag	aggatccttg	240
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